

ABSTRACT OF THE DISCLOSURE

A method and apparatus for transmission and reception of signals. An AlGaN amplifier is connected to an antenna. The AlGaN amplifier amplifies signals for transmission over the antenna and signals received from the antenna.

5 Switches are controlled to provide the amplified signals for transmission to the antenna. The switches are also controlled to provide the signals received from the antenna to the AlGaN amplifier and to the receive path of the apparatus.